

# High School to College and Career Pathway: Post-Secondary

Area of Study: Health Science & Technology Education Pathway: Biotechnology

Region: Wasatch Front North Region	District: Davis, Morgan, Ogden, Weber, DaVinci Academy	School:	College/Institution: Articulation Agreement in place? Yes <b>X</b> Name of Degree or Certificate: <b>AAS Degree in Clinical Laboratory Services</b>
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High School				College		
Course Number	High School Suggested Academic Courses	H.S. Credit	College Credits	Course Number	College General Education Requirements	College Credits
	CE English*	1	3 →	ENGL 1010	Intro to Writing	3
				ENGL 2010	Intermediate Writing	3
	CE Communications*	1	3 →	COMM 2110	Intro to Interpersonal & Small Group Communication (3)	
52.0417 52.0471 52.0471	Computer Technology* Electronic Spreadsheets & Databases* Word Processing*	1	3 →	TBE 1700	Introduction to Microcomputer Applications, (3) (partially fill requirement) <b>OR</b> 1701 Intro to Word Processing (1) 1702 Intro to Microcomp., E-Mail, OS, & Graphic Presentations (1) 1703 Intro to Spreadsheets (1) <b>OR</b> University Computer Literacy Exams (TBE: TA1501, TB1502 & TC1503) (3-5 credits required)	
				Gen Ed	Creative Arts/ Humanities/Social Science	3
				Gen Ed	Social Science	3

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High School				College		
Course CIP #	CTE Pathway Courses (credits for completion)	H.S. Credit	College Credits	Course #	College Major Course Requirements	College Credits
<b>Course #</b>	<b>Introductory Course: (preferred)</b>	<b>Credit</b>				
51.1105	Health Science, Introduction	.50				
	<b>Foundation Courses: (required)</b>					
51.1099	Biotechnology	1.00				
	<b>Elective Courses:</b>					
51.1315	Medical Anatomy & Physiology	1.00				
51.1315	Medical Terminology	.50			<b>Recommended Courses</b>	
51.1316	Health Science, Advanced (capstone course)	1.00	8 →	HTHS 1110* HTHS 1111*	Biomedical Core Biomedical Core Lab	4 4
32.0199	Student Internship (Critical Workplace Skills)	.50				
					<b>CLS Courses Required</b>	
				CLS 1113	Intro to Clinical Lab Practices	4
				CLS 1123	Principles of Clinical Hematology & Homeostasis	5
				CLS 1154	Supervised Clinical Experience (first year) (1)	
				CLS 2211	Principles of Clinical Chemistry I	5
				CLS 2212	Principles of Clinical Microbiology I	4
				CLS 2213	Principles of Clinical Chemistry II	5
				CLS 2214	Principles of Clinical Microbiology II	4
				CLS 2215	Principles of Clinical Immunohematology	4
				CLS 2256	Supervised Clinical Experience I	1
				CLS 2257	Supervised Clinical Experience II	1
					<b>Support Courses Required</b>	
				CHEM PS/SI1110 CHEM PS/SI1210	Elementary Chemistry <b>OR</b> Principles of Chemistry	5
				CHEM SI1120 CHEM SI1220	Elementary Organic/Biochemistry <b>OR</b> Principles of Chemistry	5
				CLS 2003	Applied Lab Math & Lab Statistics	3

				MICR LS1113 MICR LS/SI2054	Intro to Microbiology <b>OR</b> Principles of Microbiology	3
					<b>Equivalencies to Biomedical Core HTHS 1110 &amp; HTHS 1111</b>	
				ZOOL 2200 ZOOL 2100 PHYS PS SI1010	Human Physiology <b>AND</b> (4) Human Anatomy <b>OR</b> (4) Elementary Physics (3)	
	<b>Additional Articulated Classes Below</b>				<b>Recommended Courses</b>	
				HIM SI3200	Epidemiology & Biostatistics (3)	
				HTHS 2230	Intro Pathophysiology (3)	
51.1315	Medical Anatomy & Physiology*	1.00	2 →	HTHS 1101	Medical Terminology (2)	
<b>TOTAL Potential Credits Earned in High School</b>			<b>19</b>	<b>TOTAL Credits Required for Degree or Certificate</b>		<b>69</b>

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